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jc518 U.S. PTO
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July 28, 1999

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Transmitted herewith for filing are the specification and claims of the patent application of:

DETECTION OF HUMAN HEPATITIS B VIRUS SURFACE ANTIGEN MUTANTS BY SPECIFIC AMPLIFICATION AND ITS APPLICATION ON GENE CHIP

Also enclosed are:

____ Oath or declaration of Applicant(s).

44 A power of attorney

 An assignment of the invention to

1 A Preliminary Amendment

_____ A verified statement to establish small entity status under 37 C.F.R.
§1.9 and §1.27.

The filing fee is calculated as follows:

CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT

	NUMBER FILED		NUMBER EXTRA*		RATE		FEE		
					SMALL ENTITY	OTHER ENTITY		SMALL ENTITY	OTHER ENTITY
Total Claims	23 -20	=	3	X	9	18	=	\$	\$ 54
Independent Claims	5 -3	=	2	X	39	78	=	\$	\$156
Multiple Dependent Claims Presented: <u> X </u> Yes <u> </u> No					130	260	=	\$	\$260
*If the different in Col. 1 is less than zero, enter "0" in Col. 2					BASIC FEE			380	760
					TOTAL FEE			\$	\$1,230

Applicants : Chong-Jin Oon, Wei-Ning Chen, Ai-Lin Leong, and Koh Shuan
U.S. Serial No. : Not Yet Known
Filed : Herewith

Letter of Transmittal
Page 2

☒ A check in the amount of \$ 1,230.00 to cover the filing fee.

☐ Please charge Deposit Account No. _____ in the amount of \$ _____.

☒ The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the following or credit any over-payment to Account No. 03-3125:

☒ Filing fees under 37 C.F.R. §1.16.

☒ Patent application processing fees under 37 C.F.R. §1.17.

☐ The issue fee set in 37 C.F.R. §1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. §1.311(b).

☒ Three copies of this sheet are enclosed.

☐ A certified copy of previously filed foreign application No. _____
_____ filed in _____ on _____
Applicant(s) hereby claim priority based upon this aforementioned
foreign application under 35 U.S.C. §119.

☒ Other (identify) Claims 6 Pages; Abstract 1 Page; One loose set of formal
drawing; Express Mail Certificate of Mailing bearing
Label No. EL278886760US, dated July 28, 1999.

Respectfully submitted,

Albert Wai Kit Chan

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Chong-Jin Oon, Wei-Ning Chen,
Ai-Lin Leong, and Koh Shiuan

Serial No. : Not Yet Known

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For : DETECTION OF HUMAN HEPATITIS B VIRUS
SURFACE ANTIGEN MUTANTS BY SPECIFIC
AMPLIFICATION AND ITS APPLICATION ON
GENE CHIP

1185 Avenue of the Americas
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July 28, 1999

Assistant Commissioner for Patents
Washington, D.C. 20231

BOX: Patent Applications

SIR:

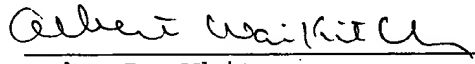
EXPRESS MAIL CERTIFICATE OF MAILING
IN CONNECTION WITH THE ABOVE-IDENTIFIED APPLICATION

"Express Mail" mailing label number: EL278886760US
Date of Deposit: July 28, 1999

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Honorable Assistant Commissioner for Patents, Washington, D.C. 20231.


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